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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,934	07/17/2003	Paul Anthony Ashley	AUS920020639US1	3072
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IBM CORP. (DHJ) c/o DAVID H. JUDSON 15950 DALLAS PARKWAY SUITE 225 DALLAS, TX 75248				
EXAMINER				
HUSSAIN, TAUQIR				
ART UNIT		PAPER NUMBER		
2152				
MAIL DATE		DELIVERY MODE		
08/05/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/621,934

Applicant(s)

ASHLEY ET AL.

Examiner

TAUQIR HUSSAIN

Art Unit

2152

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 May 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-12,14-21 and 23-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-12,14-21 and 23-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/06)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/19/2008 has been entered.

Response to Amendment

2. This office action is in response to amendment /reconsideration filed on 05/19/2008, the amendment/reconsideration has been considered. Claims 4, 13 and 22 have been canceled, Claims 1, 10 and 19 have been amended and therefore, Claims 1-3, 5-12, 14-21 and 23-27 are pending for examination, the rejection cited as stated below.

Response to Arguments

3. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

4. As to claim rejection under U.S.C 101 for claims 19-21 and 23-27, Examiner maintains the rejection.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the

art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claims 19-21 and 23-27 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Claims are directed to computer program product and computer medium is incorporated with signals and carrier waves, therefore it is not clear how a program product can be stored on a transmission medium such as signals and carrier waves.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-3, 4-12, 14-21 and 23-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nilsson et al (WO 99/64967), hereinafter "Nilsson in view of RFC 2965, herein after "RFC".

7. As to claims 1, 10 and 19, Nilsson discloses, receiving a client message at a proxy server (Nilsson, Page.4, lines 1-11, where user device is connected to proxy server which means any communication happens between client and server goes

through proxy server and therefore, it is obvious that to initiate a connection request from client must go via proxy server as well),

Storing the set of parameters at the proxy server, wherein the parameters comprise domain identifiers associated with indications of whether to block transmission of cookies associated with the domain identifiers (Nilsson, Abstract, where proxy server has means to intercept and storing the cookie which is transmitted between server and users and matching the URL with the server means there is a domain identifier embedded in the cookie);

Receiving at the proxy server a response message from the server for the client (Nilsson, Page.3, lines 6-9, where server responds to client which is intercepted by proxy first before redirected to client);

Detecting at the proxy server a cookie associated with the response message (Nilsson, Page.3, lines 6-16, where cookie is detected when second time around client wants to access the same server and attached to the request);

Extracting from the response message a domain identifier associated with the server (Nilsson, Page.3, lines 9-11, where cookie contains the domain identifier);

Retrieving the set of parameters (Nilsson, Page.3, lines 11-14, where matching the URL with the identification information is retrieving set of parameters);

Processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier (Nilsson, Page.3, and lines 11-16, where process of matching the URL with the server identification is processing the cookie).

Nilsson however is silent on disclosing explicitly, set of parameters or wherein the set of parameters are configured by the user at the client.

RFC however discloses, set of parameters (RFC. paragraph 3.3.4, where client sends the cookie and syntax for the header is equivalent to set of parameters) and wherein the set of parameters are configured by the user at the client (RFC, paragraph 3.3.4, where set of parameters of the cookie is configured and sent to the server by the client);

Therefore, it would have been obvious to one of the ordinary skilled in the art at the time the invention was made to combine the teachings of Nilsson with the teachings of RFC in order to provide a way to create a stateful session with Hypertext Transfer Protocol (HTTP) requests and responses. It describes three new headers, Cookie, Cookie2, and Set-Cookie2, which carry state information between participating origin servers and user agents.

8. As to claim 2, 11 and 20, Nilsson and RFC discloses the invention substantially as in the parent claims 1, 10 and 19, including, in response to a determination that the set of parameters contains the extracted domain identifier, blocking the cookie from transmission from the proxy server to the client (Nilsson, Page.4, lines 27-33, where cookie is intercepted means blocked and stopped transmitting from proxy to client); caching the cookie at the proxy server (Nilsson, Page.4, lines 17-21, where cookies is cached); and

sending a modified response message to the client (Nilsson, Page.5, lines 3-9, where data is sent back to client from the server after parsing the cookie resided at proxy server).

9. As to claim 3, 12 and 21, carry similar limitations as claim 2, 11 and 20 above and therefore is rejected under for same rationale.

10. As to claim 5, 14 and 23, Nilsson and RFC discloses the invention substantially as in the parent claims 1, 10 and 19, including, determining, prior to processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier (RFC, paragraph, 3.3.6, where a transaction is verifiable if the user or a user-designated agent has the option to review prior to its use in the transaction), if the set of parameters contains an indication that the user has enabled cookie processing by the proxy server (RFC, paragraph, 3.3.6, where when it makes an unverifiable transaction , a user agent must disable all cookie processing is obviously points to cookie enable or disable indication).

11. As to claim 6, 15 and 24, Nilsson and RFC discloses the invention substantially as in the parent claims 1, 10 and 19, including, managing multiple sets of parameters for the user at the proxy server, wherein each set of parameters is associated with an identifier (Nilsson, Page.5, last paragraph, where it is obvious that proxy server is storing cookies and must stores multiple cookies); and

selecting by the user a first identifier that is associated with the set of parameters prior to retrieving the set of parameters, wherein the set of parameters is retrieved in accordance with the selected first identifier (RFC, Page.5, last paragraph, where matching the server previously has stored cookie for that particular user corresponding to that particular URL, means selecting the first identifier corresponding to the set of parameters).

12. As to claim 7, 16 and 25, Nilsson and RFC discloses the invention substantially as in the parent claims 1, 10 and 19, including, wherein the first identifier is selecting during an authentication operation (RFC, paragraph 7.4, where cookies for account information is disclosed and therefore, it is obvious that holding an authentication information is well known in the art and can be implemented over an encrypted path).

13. As to claim 8, 17 and 26, carry similar limitations as claims 6, 15 and 24 above and therefore is rejected under for same rationale.

14. As to claim 9, 18 and 27, Nilsson and RFC discloses the invention substantially as in the parent claims 1, 10 and 19, including, wherein identifiers that are associated with sets of parameters are chosen from a group comprising a type of client device or a client location (RFC. Paragraph 3.3.2, where all the attributes are listed and it is obvious from the listed attribute to customize the cookie as per group or device according the user or device preference).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TAUQIR HUSSAIN whose telephone number is (571)270-1247. The examiner can normally be reached on 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571 272 3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. H./
Examiner, Art Unit 2152

/Kenny S Lin/
Primary Examiner, Art Unit 2152